

CLAIMS:

1. A pallet, comprising:
an upper deck comprising a support material;
an upper frame member supporting said upper deck;
a plurality of foot members disposed in physical contact with said upper frame member, wherein said foot members are integrally formed with said upper frame member; and
a lower frame member disposed in physical contact with said plurality of foot members.
2. The pallet of Claim 1, further comprising a foam material disposed within each of said foot members.
3. The pallet of Claim 1, wherein an outer wall of each of said foot members further comprises a bend disposed therein, said bend being configured to engage a lip disposed at an edge of said upper frame member.
4. The pallet of Claim 1, wherein said foot members are integrally formed with said lower frame member.
5. The pallet of Claim 1, wherein each of said foot members further comprises,
a plurality of teeth depending from said upper frame member, and
a plurality of teeth depending from said lower frame member
configured to engage the plurality of teeth depending from said upper frame member.
6. The pallet of Claim 5, further comprising reinforcement elements disposed adjacent to base portions of said teeth of each plurality of teeth depending from said upper frame member and the lower frame member.

7. The pallet of Claim 1, wherein said upper deck comprises a composite polymer material.

8. The pallet of Claim 7, wherein said composite polymer material comprises, a biaxial weave of fibrous polymer, and a sheet of polymer bonded to said biaxial weave of fibrous polymer.

9. The pallet of Claim 8, wherein said biaxial weave of fibrous polymer is selected from the group consisting of polypropylene, polyethylene, and combinations of the foregoing materials.

10. The pallet of Claim 8, wherein said biaxial weave of fibrous polymer further comprises an additive selected from the group consisting of fibrous glass, fibrous carbon, UV stabilizing compounds, biocidal compounds, and combinations of the foregoing materials.

11. The pallet of Claim 1, wherein said support material is selected from the group consisting of polyurethane, polystyrene, polyethylene, and combinations of the foregoing materials.

12. A pallet, comprising:
an upper deck comprising a support material;
an upper frame member supporting said upper deck, wherein said upper frame member comprises a cavity bounded on at least one side by said upper deck;
a plurality of foot members disposed in physical contact with said upper frame member; and
a lower frame member disposed in physical contact with said plurality of foot members.

13. The pallet of Claim 12, wherein said cavity further comprises a second support material disposed therein.

14. The pallet of Claim 13, wherein said cavity is bounded on all sides by said upper frame member.

15. A tubular and nestable foot assembly for a collapsible pallet, comprising:

a first foot half having a slit defined therein from an edge thereof, said first foot being attachable to a first deck of said collapsible pallet; and

a second foot half having a slit defined therein from an edge thereof, said second foot being attachable to a second deck of said collapsible pallet, said slits in said second foot half being configured to be engagable by said slit in said first foot half and received therein to bias said first deck in the direction of said second deck.

16. The foot assembly of Claim 15, wherein each of said foot halves further comprises an open face and wherein said slits extend perpendicularly to said open face.

17. A pallet, comprising:
an upper deck;
a lower frame member arranged in a parallel planar relationship with said upper deck;
a plurality of foot members connected to said upper deck and said lower frame member; and
a reinforcement member positioned in physical contact with said upper deck, said reinforcement member comprising,
a first plate,
a second plate disposed in a spaced relationship with said first plate, wherein said first plate and said second plate each include at least one appendage depending therefrom, and
a support element disposed between said first plate and said second plate, wherein said support element further comprises a support member disposed between and normal to facing surfaces of said first plate and said second plate, wherein a support material is disposed adjacent to said support member, and wherein said support material comprises foam.
18. The pallet of Claim 17, wherein said appendages comprise a knobbed portion on an end distal from an end at which said appendages are connected to either said first plate or said second plate.
19. The pallet of Claim 17, wherein said appendages comprise tabs cut out of said first plate or said second plate, said tabs being configured to protrude into said rigid support material.